

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

36-088-11

GOLDEN POND QUADRANGLE

50 KENTUCKY

N3645-W8800/15

DIAGRAM NJ 16-10

DYERSBURG

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Marshall, Livingston, Lyon, and
Trigg Counties, Kentucky

Final adjustment of 1973

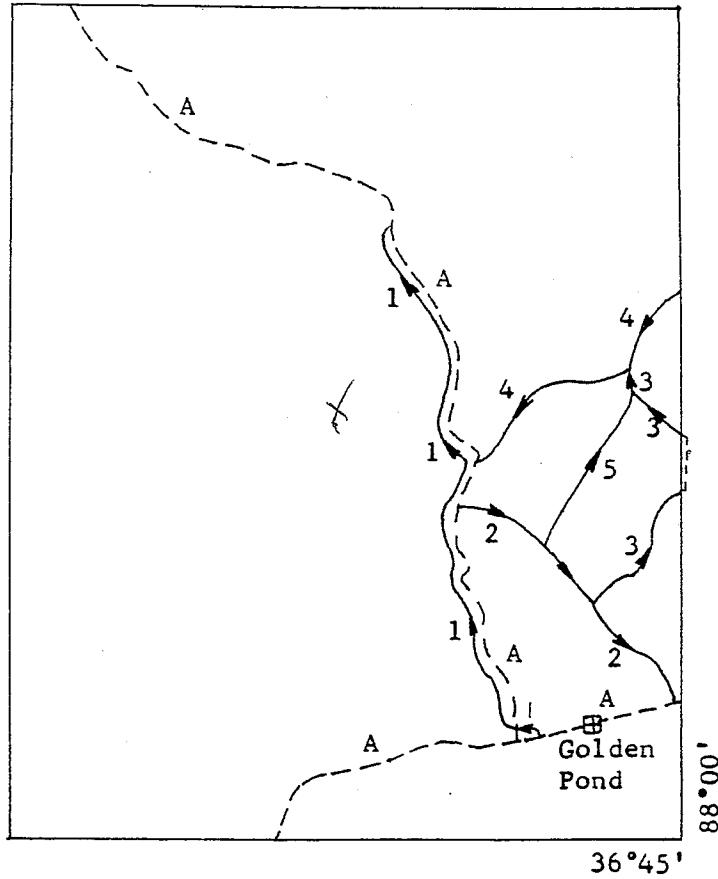
Editon of 9/4/74

PR: DSW/sws

EDDYVILLE
(78)

BENTON
(51)

CADIZ
(49)



NEW CONCORD
(22 KY.-216 TENN.)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360881

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ISOLATED BENCH MARKS (By S. L. Parker, 1928; Book B2857)

Feet

Grand Rivers, 3.3 mi SE. of; 0.9 mi W. of Willow Creek, along Grand Rivers rd.; 10 ft E. and 20 ft S. of private rd. N. to old house site; 25 ft E. of farm gate to field on S. side of rd.; in top of concrete post; standard tablet stamped "PRIM TRAV STA NO 5 M 1928"
(Not found, 1967)

361.577

Kuttawa, 5.5 mi S. of; 0.8 mi S. of Carmacks store, along Eddyville Masses Ferry rd.; 180 ft S. of J. V. Alridges residence; in line with third class rd. SE.; 17 ft N. and 10 ft E. of farm gate; on W. side of rd.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 6 M 1928" (Not found, 1967)

345.950

Eddyville, 5.0 mi S. of, along Eddyville-Golden Park Road; 16.5 ft SE. and in line with W. face of Bethlehem Schoolhouse; in concrete post; standard tablet stamped "PRIM TRAV STA NO 7 M 1928"

351.103

Lamasco, 4.7 mi W. of; 6 ft S. and 7 ft W. of SW. corner of Dewey School; in line with S. edge of porch; in concrete post; standard tablet stamped "PRIM TRAV STA NO 8 M 1928"

514.261

LINE 1.

B. B. Chamblin, 1939; Book B8264

Murray, 17 mi E. of; 0.8 mi E. of Tennessee River Bridge; on U. S. Highway 68; 40 ft N. of center of hwy.; 100 ft SW. of house belonging to Ray Timmosn; 3 ft W. of SW. corner of yard fence and on E. side of Tennessee River; in concrete post; standard disk stamped "RT TS 87 1935" (Tied by NGS, 1946)

409.245

"L 22 1934" (NGS)

636.134

Mitchell School House, 100 ft NW. of; 35 ft N. and 105 ft E. of center of crossroads; in concrete post; TVA standard disk stamped "C 61 US RA NX" (Tied by NGS, 1946)

633.283

Linton, about 9.2 mi NW. of; 25 ft S. of centerline of U.S. Highway 68; on small embankment; 2.5 ft N. of wire fence; in concrete post; NGS standard azimuth mark disk stamped "MITCHELL 1931"

640.856

Mitchell School House, 0.3 mi N. of; 30 ft W. of center of rd.; in concrete post; TVA standard disk stamped "C 60 N 05 34 E" (Tied by NGS, 1947)

629.861

Mitchell School House, 0.35 mi N. of; 35 ft E. of center of rd.; in concrete post; TVA standard tablet stamped "C 59 S 05 34 W" (Tied by NGS, 1947)

633.034

"MITCHELL 1934" (NGS)

659.697

LINE 1 (Cont'd.)Feet

Mitchell School House, 0.8 mi N. of; 100 ft N. of; on old stable; 35 ft E. of center of rd.; in concrete post; TVA standard disk stamped "C 58 N 18 19 W" (Tied by NGS, 1947)

598.260

Mitchell School House, 1.3 mi N. of; at sharp curve in rd.; 35 ft E. of center of rd.; in concrete post; TVA standard disk stamped "C 56 N 08 12 W" (Tied by NGS, 1947)

556.515

Mitchell School House, 1.4 mi N. of; 150 ft N. of intersection of Y-rd. NE.; between two rds.; in concrete post; TVA standard disk stamped "C 55 S 08 12 E" (Tied by NGS, 1947)

563.122

Mitchell School House, 1.8 mi N. of; 40 ft E. of center of rd.; in concrete post; TVA standard disk stamped "US RA N 50 20 W" (Tied by NGS, 1947)

499.842

Mitchell School House, 1.9 mi N. of; 80 ft S. of intersection of T-rd. E.; 40 ft E. of center of rd.; in concrete post; TVA standard disk stamped "C 53 S 50' 20' E" (Tied by NGS, 1947)

558.162

Mitchell School House, 2.5 mi N. of; at top of hill; 130 ft W. of parking lot; 40 ft SE. of center of rd.; in concrete post; TVA standard disk stamped "C 52 N 57 46 E"

561.803

Mitchell School House, 2.6 mi N. of; at top of hill; at sharp curve in rd.; about 100 ft S. of intersection of dim rd. SE.; 35 ft E. of center of rd.; in concrete post; TVA standard disk stamped "C 51 S 57 46 W" (Tied by NGS, 1947)

564.736

Mitchell School House, 3.1 mi N. of; about half way up steep hill; 40 ft N. of center of rd.; in concrete post; TVA standard disk stamped "C 49 S 54 16 W" (Tied by NGS, 1947)

480.632

Mitchell School House, 3.6 mi N. of; 0.2 mi N. of crossroad; 35 ft E. of center of rd.; in concrete post; TVA standard disk stamped "C 48 N 31 07 E" (Tied by NGS, 1947)

554.825

Mitchell School House, 3.7 mi N. of; 40 ft S. of rustic shelter; 40 ft E. of center of rd.; in concrete post; TVA standard disk stamped "C 47 S 31 07 W" (Tied by NGS, 1947)

538.719

Mitchell School House, 4.2 mi N. of; at top of hill; 50 ft S. of intersection of T-rd. E.; 35 ft E. of center of rd.; in concrete post; TVA standard disk stamped "C 46 N 27 34 W" (Tied by NGS, 1947)

571.200

Mitchell School House, 4.3 mi N. of; 200 ft N. of intersection of T-rd. E.; 200 ft S. of intersection of Y-rd. NE.; 35 ft W. of center of rd.; in concrete post; TVA standard disk stamped "C 45 S 27 34 E" (Tied by NGS, 1947)

577.089

LINE 1 (Cont'd.)Feet

Mitchell School House, 4.8 mi N of; at intersection of dim rd. W.; 35 ft W. of center of rd.; in concrete post; TVA standard disk stamped "C 44 US RA NX N 47 07 W" (Tied by NGS, 1947)	582.738
Mitchell School House, 4.9 mi N. of; 580 ft S. of intersection where sign reads "Rock Stand Higgins Truck Trail"; TVA standard disk stamped "C 43 S 47 07 E" (Tied by NGS, 1947)	587.364
Mitchell School House, 5.6 mi N. of; in old cleared field; 35 ft E. of center of rd.; in concrete post; TVA standard disk stamped "C 42 N 17 43 W US RA NX" (Tied by NGS, 1947)	532.466
Mitchell School House, 5.7 mi N. of; 45 ft W. of center of rd.; in concrete post; TVA standard disk stamped "C 41 S 17 43 E US RA NX" (Tied by NGS, 1947)	531.666
Mitchell School House, 6.2 mi N. of; at top of hill; 30 ft E. of center of rd.; in concrete post; TVA standard disk stamped "C 40 N 50 18 W US RA NX"	555.511
Mitchell School House, 6.3 mi N. of; 30 ft E. of center of rd.; in concrete post; TVA standard disk stamped "C 39 S 50 18 E US RA NX" (Tied by NGS, 1947)	570.376
Mitchell School House, 6.9 mi N. of; 325 ft E. of well; opposite center of sharp curve in rd.; 60 ft SE. of center of rd.; in concrete post; TVA standard disk stamped "C 38 N 01 42 W" (Tied by NGS, 1947)	565.904
Mitchell School House, 7.0 mi N. of; 0.3 mi S. of intersection of Ironton Truck Trail; 0.3 mi S. of U.S. Government Cabin No. 1; 40 ft W. of center of rd.; in concrete post; TVA standard disk stamped "C 37 S 01 42 E" (Tied by NGS, 1947)	535.051
Energy, 3.4 mi W. of; 7.0 mi NW. of Golden Pond by way of Pleasant Valley Road; about 50 ft E. of intersection of old Y-turnout; 15 ft S. of center of rd.; on Energy-Ironton Road; about 200 ft E. of fork of rd. N; in concrete post; standard tablet stamped "TT 23 TH"	575.286
U.S. Government Cabin No. 1, 0.5 mi N. of; 0.3 mi N. of intersection of Energy Tower Trail No. 2; 35 ft E. of center of rd.; in concrete post; TVA standard disk stamped "C 36 N 16 32 W" (Tied by NGS, 1947)	536.475
U.S. Government Cabin No. 1, 0.6 mi N. of; 0.4 mi N. of intersection of Energy Tower No. 2 Trail; 45 ft W. of center of rd.; in concrete post; TVA standard disk stamped "C 35 S 16 32 E" (Tied by NGS, 1947)	518.319

LINE 1 (Cont'd.)Feet

U.S. Government Cabin No. 1, 1.1 mi N. of; 45 ft E. of center of rd.; in concrete post; TVA standard disk stamped "US RA NX C 34 N 10 57 E" (Tied by NGS, 1947)	545.829
U.S. Government Cabin No. 1, 1.3 mi N. of; at sharp curve in rd.; 35 ft W. of center of rd.; in concrete post; TVA standard disk stamped "C 33 S 10 57 W" (Tied by NGS, 1947)	553.496
U.S. Government Cabin No. 1, 1.8 mi N. of; 2.8 mi NW. of Ferguson Spring School; 380 ft N. of Mulberry Flat Field Office; 600 ft NW. of rustic gate across rd.; 45 ft N. of center of rd.; in concrete post; TVA standard disk stamped "US RA NX C 32 N 75 38 W" (Tied by NGS, 1947)	559.198
Mulberry Flat Field Office, 810 ft NW. of; about 200 ft E. of an old clearing; 35 ft S. of center of rd.; in concrete post; TVA standard disk stamped "C 31 S 75 38 E" (Tied by NGS, 1947)	554.087
Mulberry Flat Field Office, 0.7 mi NW. of; 35 ft N. of center of rd.; in concrete post; TVA standard disk stamped "C 30 S 81 34 W US RA NX" (Tied by NGS, 1947)	546.410
Mulberry Flat Field Office, 0.8 mi NW. of; 40 ft S. of center of rd.; in concrete post; TVA standard disk stamped "US RA NX C 29 N 81 34 E" (Tied by NGS, 1947)	523.349
Mulberry Flat Field Office, 1.3 mi N. of; 50 ft SW. of corner of rd.; in concrete post; TVA standard disk stamped "US RA NX C 28 N 04 38 E" (Tied by NGS, 1947)	532.601
Mulberry Flat Field Office, 1.5 mi NW. of; 40 ft NE. of center of rd.; in concrete post; TVA standard disk stamped "C 27 S 04 38 W" (Tied by NGS, 1947)	513.378
Mulberry Flat Field Office, 2.1 mi NW. of; 600 ft N. of intersection of T-rd. W.; 30 ft W. of center of rd.; in concrete post; TVA standard disk stamped "C 26 N 48 44 E" (Tied by NGS, 1947)	543.939
Ironton, 1.0 mi N. of; 25 ft N. of centerline of Birmingham-Ironton Road; at intersection of rd. W. to center furnace; 50 ft N. of rd. intersection; 300 ft E. of residence of S. T. Ingram; in edge of woods and on rd. from Ironton to Birmingham; 0.2 mi N. of centerline of Sugar Tree Creek; in concrete post; standard tablet stamped "TT 19 TH 1935"	368.943

GOLDEN POND QUADRANGLE
Book B8264

50 KENTUCKY

B. B. Chamblin

36-088-11

7

1939

LINE 2.

Feet

B. B. Chamblin, 1939; Book B8264

"US RA NX C 32 N 75 38 W" (Also in line 1)

559.198

Golden Pond, 6.1 mi N. of; on rd. from Golden Pond to Hematite Church by way of Energy; at Ferguson Spring School House; 3 ft N. of NW. corner of school house; about 150 ft E. of church; in concrete post; standard tablet stamped "TT 10 TH 1935" (Reported destroyed, 1972) 363.205

Golden Pond, 4.6 mi N. of; in NW. corner of lawn of residence of J. W. Chambers; in settlement of Energy; 50 ft S. of store operated by Mr. Chambers; 25 ft W. of rd.; about 3 ft S. of corner of yard; in concrete post; standard tablet stamped "TT 11 TH 1935" (Reported destroyed, 1967)

388.891

Energy, 0.4 mi SE. of; 75 ft E. of center of intersection of private rd. SE.; 20 ft S. of center of rd.; in concrete post; standard tablet stamped "US DEPT OF AGRICULTURE 49 TR 45 NO 388 1939"

418.179

Energy, 2.5 mi SE. of; opposite intersection of T-rd. SW.; 40 ft NE. of center of rd.; in concrete post; standard tablet stamped "BC 1 1939"

458.294

Energy, 3.1 mi SE. of; 270 ft S. of one-story frame dwelling; 230 ft SE. of concrete culvert; at property corner; 25 ft S. of center of rd.; in concrete post; USDA standard disk stamped "NO 43 TR 45 135 1939"

413.369

U.E., Energy, 3.5 mi SE. of; 10 ft S. and 45 ft W. of center of intersection of T-rd. N.; on S. end of E. abutment of steel bridge over small creek; chiseled square

395.45

U.E., Energy, 4.1 mi SE. of; 400 ft S. of old Woodville School House (now a residence); 30 ft W. of center of intersection of T-rd. N.; on E. end of S. headwall of culvert; chiseled square

378.64

"J 22 1934" (NGS)

359.960

LINE 3.

B. B. Chamblin, 1939; Book B8264

U.E., Energy, 3.5 mi SE. of; on S. end of E. abutment of steel bridge over small creek; 10 ft S. and 45 ft W. of center of intersection of T-rd. N.; chiseled square

395.45

GOLDEN POND QUADRANGLE

50 KENTUCKY

36-088-11

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LINE 3 (Cont'd.)Feet

Energy, 3.5 mi SE. of, thence 3.2 mi N.; 1.5 mi E. of Energy Tower No. 2 (Bald Knob); 35 ft NW. of center of Y-rd. intersection; in concrete post; standard tablet stamped "BC 8 1939"

508.669

LINE 4.

B. B. Chamblin, 1939; Book B8264

Hematite Church, 1.35 mi SE. of, thence 1.4 mi W.; 1.8 mi NE. of Ferguson Spring School; opposite intersection of T-rd. E.; 40 ft W. of center rd.; in concrete post; standard tablet stamped "BC 9 1939"

489.094

U.E., Ferguson Spring School, 1.0 mi NE. of; 25 ft E. of center of rd. intersection; 35 ft NE. of small wooden bridge over a creek; on top of W. edge of boulder; about 3 ft above ground; chiseled square

357.658

"TT 10 TH 1935" (Reported destroyed, 1972) (Described in line 2)

363.205

LINE 5.

B. B. Chamblin, 1939; Book B8264

Rock Castle, 2.5 mi W. of; on Golden Pond-Eddyville Road; at Y-rd. SW. to Energy; about 400 ft SW. of Hematite Church; 42 ft S. of Y-rd. intersection; in V-formed by intersection; in concrete post; standard tablet stamped "TT 6 TH 1935" (Reported not found, 1967)

351.966

Hematite Church, 2.3 mi W. of, along trail up Taylor Creek; 110 ft NW. of NW. corner at a log cabin; on S. side of wire fence; 20 ft N. of trail; in concrete post; standard tablet stamped "BC 10 1939"

445.782

"US RA NX C 32 N 75 38 W" (Also in lines 1 & 2)

559.198

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

36-088-11
GOLDEN POND QUADRANGLE
50 KENTUCKY
N3645-W8800/15
DIAGRAM NJ 16-10
DYERSBURG

Livingston, Lyon, Marshall and
Trigg Counties

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch.

Edition of 2/2/77

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone

EDDVILLE
(78)

BENTON
(51)

CADIZ
(49)

Golden Pond

88°00'

NEW CONCORD
(22 KY.-216 TENN)

36°45'

For additional TVA-USGS control see TVA Booklet 17

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

50 KENTUCKY
GOLDEN POND QUADRANGLE

36-088-11
N3645-W8800/15

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PTS NO 6 M 1928

PTS NO 7 M 1928

PTS NO 8 M 1928

50 KENTUCKY
GOLDEN POND QUADRANGLE

36-088-11

3

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By S. H. Moyers, 1928; Book C8369

Grand Rivers, 3.3 mi SE. of; 0.9 mi W. of Willow Creek, along Grand Rivers rd.; 10 ft E. and 20 ft S. of private rd. N. to old house site; 25 ft E. of farm gate to field on S. side of rd.; in top of concrete post; standard tablet stamped "PRIM TRAV STA NO 5 M 1928" (Not found, 1967)

X = 1,286,045	Y = 247,200	36 59 12.98	88 11 40.79
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Kuttawa, 5.5 mi S. of; 0.8 mi S. of Carmacks store, along Eddyville Masses Ferry rd.; 180 ft S. of J. V. Alridges residence; in line with third class rd. SE.; 17 ft N. and 10 ft E. of farm gate; on W. side of rd.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 6 M 1928" (Not found, 1967)

X = 1,304,683	Y = 250,942	36 59 54.67	88 07 52.30
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Eddyville, 5.0 mi S. of, along Eddyville-Golden Park Road; 16.5 ft SE. and in line with W. face of Bethlehem Schoolhouse; in concrete post; standard tablet stamped "PRIM TRAV STA NO 7 M 1928"

X = 1,317,838	Y = 246,595	36 59 14.93	88 05 08.86
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Lamasco, 4.7 mi NW. of, 6 ft S. and 7 ft W. of SW. corner of Dewey School; in line with S. edge of porch; in concrete post; standard tablet stamped "PRIM TRAV STA NO 8 M 1928"

X = 1,340,389	Y = 250,283	36 59 56.83	88 00 32.08
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